Virus Research, 11 (1988) 343–345
Elsevier

Contents of Volume 11

No. 1

Review Article

B.R. Murphy, G.A. Prince, P.L. Collins, K. Van Wyke Coelingh, R.A. Olmsted, M.K. Spriggs, R.H. Parrott, H.-W. Kim, C.D. Brandt and R.M. Chanock (U.S.A.)
Current approaches to the development of vaccines effective against parainfluenza and respiratory syncytial viruses (VRR 00429) 1

Research Papers

J.C. Sunstrum, C.E. Chrisp, M. Levine and J.C. Glorioso (U.S.A.)
Pathogenicity of glycoprotein C negative mutants of herpes simplex virus type 1 for the mouse central nervous system (VRR 00431) 17

D.G. Ritter and P. Roy (U.S.A., U.K.)
Genetic relationships of bluetongue virus serotypes isolated from different parts of the world (VRR 00432) 33

S. Yamaguchi, A. Fukusho and P. Roy (U.S.A., U.K.)
Complete sequence of neutralization protein VP2 of the recent US isolate bluetongue virus serotype 2: its relationship with VP2 species of other US serotypes (VRR 00433) 49

J.D. Neill and W.L. Mengeling (U.S.A.)
Further characterization of the virus-specific RNAs in feline calicivirus infected cells (VRR 00434) 59

N. Pardigon, P. Vialat, S. Gerbaud, M. Girard and M. Bouloy (France)
Nucleotide sequence of the M segment of Germiston virus: comparison of the M gene product of several bunyaviruses (VRR 00435) 73

Short Communication

P.A. Bilsel, R.B. Tesh and S.T. Nichol (U.S.A.)
RNA genome stability of Toscana virus during serial transovarial transmission in the sandfly *Phlebotomus perniciosus* (VRR 00430) 87

Book Review 95

No. 2

Research Papers

A.R. Gould, L.I. Pritchard and M.D. Tavaria (Australia)
Nucleotide and deduced amino acid sequences of the non-structural protein, NS1, of Australian and South African bluetongue virus serotype 1 (VRR 00439) 97

0168-1702/88/$03.50 © 1988 Elsevier Science Publishers B.V. (Biomedical Division)

F.J. O'Neill, L. Renzetti, T.H. Miller and R. Stevens (U.S.A.)
Transformation of human cells by a polyomavirus containing complementing JCV and RFV genomes (VRR 00437) 109

S.I. Chowdhury, H. Ludwig and H.-J. Buhk (F.R.G.)
Molecular biological characterization of equine herpesvirus type 1 (EHV-1) isolates from ruminant hosts (VRR 00438) 127

D. Cavanagh, P.J. Davis and A.P.A. Mockett (U.K.)
Amino acids within hypervariable region 1 of avian coronavirus IBV (Massachusetts serotype) spike glycoprotein are associated with neutralization epitopes (VRR 00440) 141

M.A. Devaney, J. Kendall and M.J. Grubman (U.S.A.)
Characterization of a nonstructural phosphoprotein of two orbiviruses (VRR 00441) 151

K.M. Obom, B. Hoyos and B.G.-T. Pogo (U.S.A.)
Association of mitochondria DNA with viral DNA in purified preparations of poxviruses (VRR 00442) 165

Z.G. Carvalho, A.P.A. De Matos and C. Rodrigues-Pousada (Portugal)
Association of African swine fever virus with the cytoskeleton (VRR 00444) 175

Short Communication

Y. Revilla, L. Pena and E. Viñuela (Spain)
A protein of molar mass 12 kDa incorporates into the membrane of ASF virus-infected cells (VRR 00436) 193

No. 3

Research Papers

C.T. McCusker and S. Bacchetti (Canada)
The responsiveness of human papillomavirus upstream regulatory regions to herpes simplex virus immediate early proteins (VRR 00443) 199

R. Stocco, G. Sauvageau and J. Menezes (Canada)
Differences in Epstein-Barr virus (EBV) receptors expression on various human lymphoid targets and their significance to EBV–cell interaction (VRR 00445) 209

A.M. Wade-Evans, Z.Q. Pan and P.P.C. Mertens (U.K.)
Sequence analysis and in vitro expression of a cDNA clone of genome segment 5 from bluetongue virus, serotype 1 from South Africa (VRR 00446) 227

D. Cavanagh and T. Barrett (U.K.)
Pneumovirus-like characteristics of the mRNA and proteins of turkey rhinotracheitis virus (VRR 00447) 241

C. Giachetti, E.C. Carrillo and R.H. Campos (Argentina)
Further characterization of an RNA defective mutant of the foot-and-mouth disease virus (VRR 00448) 257

No. 4

Research Papers

T. Block and R. Jordan (U.S.A.)
Herpes simplex virus type 1 alpha gene containing plasmids can inhibit expression regulated from an alpha promoter in CV-1 but not HeLa cells (VRR 00449) 269

R.J.M. Moormann and M.M. Hulst (The Netherlands)
Hog cholera virus: identification and characterization of the viral RNA and the virus-specific RNA synthesized in infected swine kidney cells (VRR 00450) 281

M.G. Romanelli and P.F. Pignatti (Italy)
Herpes simplex virus replication in the presence of DNA polymerase alpha inhibitors (VRR 00451) 293

T. Urakawa, D.A. Small and D.H.L. Bishop (U.K.)
Expression of snowshoe hare bunyavirus S RNA coding proteins by recombinant baculoviruses (VRR 00452) 303

K. Yusoff, M. Nesbit, H. McCartney, P.T. Emmerson and A.C.R. Samson (U.K.)
Mapping of three antigenic sites on the haemagglutinin-neuraminidase protein of Newcastle disease virus (VRR 00453) 319

U. Lichtenberg, C. Zock and W. Doerfler (F.R.G.)
Integration of foreign DNA into mammalian genome can be associated with hypomethylation at site of insertion (VRR 00456) 335

Contents of Volume 11 343

Author Index 347

Subject Index 349